

Application No.: 09/894,684

Docket No.: JCLA6420-CIP-R

**REMARKS****Present Status of the Application**

Claims 1-14 and 20-22 are allowed. The Office Action rejected claims 15-19 under 35 U.S.C. 103(a), as being unpatentable over Olarig et al. (US No. 5,937,173) in view of Beukema et al. (US No. 6,185,642). Applicants respectfully request reconsideration of claims 15-19.

**Discussion of Office Action Rejections**

The Office Action rejected claims 15-19 under 35 U.S.C. 103(a), as being unpatentable over Olarig et al. (US No. 5,937,173) in view of Beukema et al. (US No. 6,185,642). Applicants respectfully traverse the rejections for at least the reasons set forth below.

Olarig and Beukema do not disclose technique feature of "... judging whether the corresponding master corresponding to one of the bus request signals supports the dual transmission mode according to said corresponding bus request signal" as claimed in the claim 15. More specifically, *Olarig did not teach to judging whether the master supports the dual transmission mode according to a corresponding bus request signal as described in page 3, lines 5-6 of the Office Action.* Further, although Beukema disclose detecting the individual masters supporting a dual transmission mode *by the pin configuration*, **Beukema did not disclose detecting the master supporting a dual transmission mode by bus requesting signal. It is obvious to those skilled in the art that the pins M66EN and HighPEN are not one of the bus requesting signal.**

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Accordingly, combination of the cited references does not disclose the technique feature claimed in claim 15 of the present application.

The previous Response also stated other advantages obtained from the technique feature claimed in claim 15. However, these advantages are used for further proofing the effect of the claimed technique but not for distinguishing the present invention from those references. Therefore, these advantages are not necessarily written down in the claims.

For at least the foregoing reasons, claim 15 is patentable over Olarig in view of Beukema since combination of Olarig and Beukema does not disclose, teach or suggest technique feature claimed in claim 15 as mentioned above.

For at least the same reasons, claim 17 is patentable over Olarig in view of Beukema. Furthermore, applicants respectfully submits that Beukema does not teach “ comparing a vendor’s ID and a device ID of the individual master with a status list to determine whether the individual master supports the dual transmission mode ” in col.6, lines 17-61 as pointed out in the Office Action. More detailed information is respectfully required.

For at least the same reasons, claim 18 is patentable over Olarig in view of Beukema. Furthermore, applicants respectfully submits that Beukema does not teach “ programming a host bridge in response to the masters supporting the dual transmission mode ” in col.6, lines 17-61 as pointed out in the Office Action. More detailed information is respectfully required.

For at least the same reasons, claim 19 is patentable over Olarig in view of Beukema. Furthermore, applicants respectfully submits that Beukema does not teach “ the dual mode ID is

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determined in response to two least significant bits of an address signal” in col.6, lines 17-61 as pointed out in the Office Action. More detailed information is respectfully required.

For at least the foregoing reasons, Applicants respectfully submit that independent claim 15 patently defines over the prior art references, and should be allowed. For at least the same reasons, dependent claims 16-19 patently define over the prior art as well.

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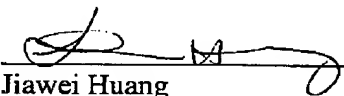
**CONCLUSION**

The applicants appreciate allowance of claims 1-14 and 20-22. Further, for at least the foregoing reasons, it is believed that claims 15-19 are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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